

In the Claims

1. (Currently Amended) An amusement device comprising:

an optical prism and having a front, optical face and first and second, inclined rear faces;

a first picture showing a first half of a person's face in a first position and a second picture, showing a complementary half of the person's face in a second position, sequentially different from the first position;

a picture frame surrounding the front face of the prism means for mounting said first picture aligned behind said first rear face and said second picture aligned behind said second rear face,

so that, when viewed through the front face at a first angle, a direct image of the first picture will be seen by direct transmission through the first rear face rear and front face and a mirror image of the first picture will be seen by direct transmission through the rear face, total internal reflection at the second rear face and subsequent transmission through the front face so that direct and mirror images combine to provide an image, apparently of a whole person's face in the first position and, when viewed through the front face at a second angle, an image of the second picture will be seen by direct transmission through the rear and front faces and a mirror image of the second picture will be seen by transmission through the rear face, total internal reflection at the first rear face and subsequent transmission through the front face so that directly transmitted and mirror images of the complementary half of the object combine to provide a completed image, apparently of a whole person's face in the second position,

whereby a spectator looking through the front face of the prism and rapidly switching between different angles sees apparently whole images of the person's face in the first position and in the second position alternatively, thereby providing an impression of animation by facial movement.

2.(Currently amended) An amusement device according to claim 1 wherein the first picture and the second picture are on a single sheet and show

respective half faces with respective axes of symmetry aligned with a central vertical axis dividing the sheet into left and right halves, respectively, the sheet being folded about the central vertical axis and located with left and right halves aligned, respectively, behind adjacent rear faces of the prism so that the central vertical axis is aligned with the intersection of the first and second rear faces of the prism.

3. (Cancelled) An amusement device according to claim 1 wherein the mounting means comprises a picture frame surrounding the front face of the prism.

4. (Cancelled) An amusement device according to claim 2 wherein the mounting means comprises a picture frame surrounding the front face of the prism

5. (Withdrawn) An amusement device according to claim 1 wherein the holding means comprises a container for liquid integrally formed internally with a clear walled prismatic shaped container for holding water forming the optical prism, the container for liquid having a clear front wall corresponding to the front face of the prism and provided by a front face of the prismatic shaped container .

6. (Withdrawn) An amusement device according to claim 1 wherein the holding means comprises a key chain frame so that the prism provides a key fob.

7. (Withdrawn) An amusement device according to claim 2 wherein the holding means comprises a key chain frame so that the prism provides a key fob.

8. (Withdrawn) An amusement device according to claim 1 wherein the holding means comprises one of a drinking glass and drinking mug.

9. (Withdrawn) An amusement device according to claim 2 wherein the holding means comprises one of a drinking glass and drinking mug.

10. (Withdrawn) An amusement device according to claim 1 wherein the holding

means comprises one of a drinking glass and drinking mug, a rear wall of said one of a drinking glass and drinking mug forming the rear faces of the prism and the front face of the prism being spaced apart from a front wall of said one of a drinking glass for viewing through a beverage therein.

11. (Withdrawn) An amusement device according to claim 2 wherein the holding means comprises one of a drinking glass and drinking mug, a rear wall of said one of a drinking glass and drinking mug forming the rear faces of the prism and the front face of the prism being spaced apart from a front wall of said one of a drinking glass for viewing through a beverage therein.

12. (Withdrawn) An amusement device according to claim 5 wherein the container for liquid comprises a soap/lotion dispenser with soap/lotion stored behind the prism.

13. (Withdrawn) An amusement device according to claim 5 wherein the container for liquid comprises a soap/lotion dispenser with soap/lotion stored below the prism.

14. (Withdrawn) An amusement device according to claim 12 wherein the prism has at least one of a fish and an article floating therein.

15. (Withdrawn) A tooth brush having a bristle head and an elongate handle extending therefrom, the handle forming an optical prism with a front, optical face and first and second, inclined rear faces;

a first picture showing a first half of an object in a first position on said first rear face and a second picture, showing a complementary half of the object in a second position, sequentially different from the first position, on said second rear face;

so that, when viewed through the front face at a first angle, a direct image of the first picture will be seen by direct transmission through the first rear face and front face and a mirror image of the first picture will be seen by transmission through the first

rear face, total internal reflection at the second rear face and subsequent transmission through the front face so that the direct and mirror images combine to provide a completed image apparently of a whole object in the first position and, when viewed through the front face at a second angle, an image of the second picture will be seen by direct transmission through the second rear face and front face and a mirror image of the second picture will be seen by transmission thorough the second rear face, total internal reflection at the first rear face and subsequent transmission through the front face so that the direct and mirror images of the complementary half of the object combine to provide a completed image apparently of the whole object in the second position, whereby a brushing motion will rapidly switch a user's angles of view so that a user sees completed whole images of the first object in a first position and in the second position alternatively, thereby providing an impression to the user of animation by object movement.

16. (Withdrawn) A scrub brush having a head with bristles extending from one side, the head having an opposite side formed with a series of optical prisms with coplanar front, optical faces and first and second, inclined rear faces;

each prism having a first picture showing a first half of an object in a first position on said first rear face and a second picture, showing a complementary half of the object in a second position, sequentially different from the first position on said second rear face;

so that, when viewed through the front face at a first angle, a direct image of the first picture will be seen by direct transmission through the first rear face and the front face and a mirror image of the first picture will be seen by transmission through the first rear face, total internal reflection at the second rear face and subsequent transmission through the front face so that the direct and mirror images combine to provide a completed image apparently of a whole object in the first position and, when viewed through the front face at a second angle, an image of the second picture will be seen by direct transmission through the second rear face and the front face and a mirror image of the second picture will be seen by transmission through the second rear face, total internal reflection at the first rear face and subsequent transmission

5

through the front face so that the direct and mirror images of the complementary half of the object combine to provide a completed image apparently of the whole object in the second position,

whereby a scrubbing motion will rapidly switch a user's angles of view so that a user sees completed whole images of the object in the first position and in the second position alternatively, thereby providing an impression to the viewer of animation by object movement.

17. (Previously amended) A kit for making an amusement device providing an animated display of a person's photo comprising:

means for providing an optical prism having a front, optical face and first and second, inclined rear faces;

a first picture of a first half of a character's body in a first position and a second picture, of a complementary half of the character's body in a second position, sequentially different from the first position;

the first picture and the second picture defining adjacent areas on the respective character's body halves for mounting a photo of a person's face;

means for holding said first picture and a first half of said photo mounted thereon on the optical prism with a first half of the person's face aligned behind said first rear face and for holding said second picture and a second half of said photo mounted thereon showing a second half of the person's face aligned behind said second rear face,

so that, when viewed through the front face at a first angle, a image of the first picture and first half of the person's face will be seen by direct transmission through the first rear face and the front face and a mirror image of the first picture and first half of the person's face will be seen by direct transmission through the first rear face, total internal reflection at the second rear face and subsequent transmission through the front face so that the direct and mirror images combine to provide a completed image, apparently of the character's whole body in the first position with apparently the person's whole face thereon and, when view d through the front face at a second angle, an image of the second picture and second half of the person's face will be

seen by direct transmission through the second rear face and front face and a mirror image of the second picture and second half of the person's face will be seen by transmission through the second rear face, total internal reflection at the first rear face and subsequent transmission through the front face so that the direct and mirror images combine to provide a completed image apparently of the character's whole body in the second position with apparently the person's whole face thereon,

whereby a spectator looking through the front face of the prism and rapidly switching between different angles sees apparently whole images of the character's body mounted with the person's face in the first position and in the second position alternatively, thereby providing an amusing impression of personalized animation.

18 (Original) A kit according to claim 17, wherein the first picture and the second picture are on a single sheet adjoining a central vertical axis dividing the sheet into left and right halves, respectively, and formed with a fold line for folding the sheet about the central vertical axis for location with left and right halves of the picture, and first and second halves of the person's face, aligned, respectively, behind adjacent rear faces of the prism so that the central vertical axis is aligned with the intersection of the first and second rear faces of the prism.

19. (Previously amended) A kit according to claim 17, wherein the holding means comprises a picture frame surrounding the front face of the prism.

20. (Original) A kit according to claim 17 wherein the means for providing the optical prism comprises a clear walled prismatic shaped container for holding water forming the optical prism.

21. (Original) A kit according to claim 17 wherein said first and said second halves of the person's face have respectively different expressions.

22. (Cancelled) An amusement device comprising:  
an optical prism and having a front, optical face and first and second, inclined

rear faces;

a first picture showing a first half of an object with plural positions of movement in a first position and a second picture, showing a complementary half of the object in a second position, sequentially different from the first position;

said first picture being aligned behind said first rear face and said second picture aligned behind said second rear face,

so that, when viewed through the front face at a first angle, a direct image of the first picture will be seen by direct transmission through the first rear face rear and front face and a mirror image of the first picture will be seen by direct transmission through the rear face, total internal reflection at the second rear face and subsequent transmission through the front face so that direct and mirror images combine to provide an image, apparently of a whole object in the first position and, when viewed through the front face at a second angle, an image of the second picture will be seen by direct transmission through the rear and front faces and a mirror image of the second picture will be seen by transmission through the rear face, total internal reflection at the first rear face and subsequent transmission through the front face so that directly transmitted and and mirror images of the complementary half of the object combine to provide a completed image, apparently of a whole object in the second position,

whereby a spectator looking through the front face of the prism and rapidly switching between different angles sees apparently whole images of the object in the first position and in the second position alternatively, thereby providing an impression animation by object movement.

23. (Previously presented An amusement device comprising:

an optical prism and having a front, optical face and first and second, inclined rear faces;

a first picture showing a first half of an object in a first position and a second picture, showing a complementary half of the object in a second position, sequentially different from the first position;

a picture frame surrounding the front face of the prism for mounting said first

8

picture aligned behind said first rear face and said second picture aligned behind said second rear face,

so that, when viewed through the front face at a first angle, a direct image of the first picture will be seen by direct transmission through the first rear face rear and front face and a mirror image of the first picture will be seen by direct transmission through the rear face, total internal reflection at the second rear face and subsequent transmission through the front face so that direct and mirror images combine to provide an image, apparently of a whole object in the first position and, when viewed through the front face at a second angle, an image of the second picture will be seen by direct transmission through the rear and front faces and a mirror image of the second picture will be seen by transmission through the rear face, total internal reflection at the first rear face and subsequent transmission through the front face so that directly transmitted and and mirror images of the complementary half of the object combine to provide a completed image, apparently of a whole object in the second position,

whereby a spectator looking through the front face of the prism and rapidly switching between different angles sees apparently whole images of the object in the first position and in the second position alternatively, thereby providing an impression animation by object movement.

24. (Previously presented) An amusement device comprising:

an optical prism and having a front, optical face and first and second, inclined rear faces;

a first picture showing a first half of an object in a first position and a second picture, showing a complementary half of the object in a second position, sequentially different from the first position;

a picture frame surrounding the front face of the prism for mounting said first picture aligned behind said first rear face and said second picture aligned behind said second rear face,

wherein the first picture and the second picture are on a single sheet and show respective half objects with respective axes of symmetry aligned with a central vertical

9



axis dividing the sheet into left and right halves, respectively, the sheet being folded about the central vertical axis and located with left and right halves aligned, respectively, behind adjacent rear faces of the prism so that the central vertical axis is aligned with the intersection of the first and second rear faces of the prism,

so that, when viewed through the front face at a first angle, a direct image of the first picture will be seen by direct transmission through the first rear face rear and front face and a mirror image of the first picture will be seen by direct transmission through the rear face, total internal reflection at the second rear face and subsequent transmission through the front face so that direct and mirror images combine to provide an image, apparently of a whole object in the first position and, when viewed through the front face at a second angle, an image of the second picture will be seen by direct transmission through the rear and front faces and a mirror image of the second picture will be seen by transmission through the rear face, total internal reflection at the first rear face and subsequent transmission through the front face so that directly transmitted and and mirror images of the complementary half of the object combine to provide a completed image, apparently of a whole object in the second position,

whereby a spectator looking through the front face of the prism and rapidly switching between different angles sees apparently whole images of the object in the first position and in the second position alternatively, thereby providing an impression animation by object movement.

25. (Previously presented) A kit for making an amusement device providing an animated display of a person's photo comprising:

means for providing an optical prism having a front, optical face and first and second, inclined rear faces;

a first picture of a first half of a character's body in a first position and a second picture, of a complementary half of the character's body in a second position, sequentially different from the first position;

the first picture and the second picture defining adjacent areas on the respective character's body halves for mounting a photo of a person's face;

a picture frame surrounding the front face of the prism for holding said first picture and a first half of said photo mounted thereon on the optical prism with a first half of the person's face aligned behind said first rear face and for holding said second picture and a second half of said photo mounted thereon showing a second half of the person's face aligned behind said second rear face,

so that, when viewed through the front face at a first angle, a image of the first picture and first half of the person's face will be seen by direct transmission through the first rear face and the front face and a mirror image of the first picture and first half of the person's face will be seen by direct transmission through the first rear face, total internal reflection at the second rear face and subsequent transmission through the front face so that the direct and mirror images combine to provide a completed image, apparently of the character's whole body in the first position with apparently the person's whole face thereon and, when viewed through the front face at a second angle, an image of the second picture and second half of the person's face will be seen by direct transmission through the second rear face and front face and a mirror image of the second picture and second half of the person's face will be seen by transmission through the second rear face, total internal reflection at the first rear face and subsequent transmission through the front face so that the direct and mirror images combine to provide a completed image apparently of the character's whole body in the second position with apparently the person's whole face thereon,

whereby a spectator looking through a the front face of the prism and rapidly switching between different angles sees apparently whole images of the character's body mounted with the persons face in the first position and in the second position alternatively, thereby providing an amusing impression of personalized animation.

26. (Previously presented A kit for making an amusement device providing an animated display of a person's photo comprising:

a clear walled prismatic shaped container for holding water providing an optical prism having a front, optical face and first and second, inclined rear faces;

a first picture of a first half of a character's body in a first position and a second picture, of a complementary half of the character's body in a second position,

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sequentially different from the first position;

the first picture and the second picture defining adjacent areas on the respective character's body halves for mounting a photo of a person's face;

means for holding said first picture and a first half of said photo mounted thereon on the optical prism with a first half of the person's face aligned behind said first rear face and for holding said second picture and a second half of said photo mounted thereon showing a second half of the person's face aligned behind said second rear face,

so that, when viewed through the front face at a first angle, a image of the first picture and first half of the person's face will be seen by direct transmission through the first rear face and the front face and a mirror image of the first picture and first half of the person's face will be seen by direct transmission through the first rear face, total internal reflection at the second rear face and subsequent transmission through the front face so that the direct and mirror images combine to provide a completed image, apparently of the character's whole body in the first position with apparently the person's whole face thereon and, when viewed through the front face at a second angle, an image of the second picture and second half of the person's face will be seen by direct transmission through the second rear face and front face and a mirror image of the second picture and second half of the person's face will be seen by transmission through the second rear face, total internal reflection at the first rear face and subsequent transmission through the front face so that the direct and mirror images combine to provide a completed image apparently of the character's whole body in the second position with apparently the person's whole face thereon,

whereby a spectator looking through a the front face of the prism and rapidly switching between different angles sees apparently whole images of the character's body mounted with the persons face in the first position and in the second position alternatively, thereby providing an amusing impression of personalized animation.